

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

To:  
OREN RECHES  
POB 913  
13 HADAFNA ST  
ZORAN, ISRAEL 42823

**PCT**

REC'D 03 OCT 2005

WIPO

PCT

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Applicant's or agent's file reference  OVR01		Date of mailing (day/month/year) <b>29 SEP 2005</b>
<b>FOR FURTHER ACTION</b> See paragraph 2 below		
International application No. PCT/IL05/00260	International filing date (day/month/year) 06 March 2005 (06.03.2005)	Priority date (day/month/year) 08 March 2004 (08.03.2004)
International Patent Classification (IPC) or both national classification and IPC IPC(7): G06F 15/177, 15/173; H04L 12/56 and US Cl.: 709/223, 221, 225; 370/389		
Applicant FIRST OVERSI LTD.		

1. This opinion contains indications relating to the following items:

- |                                     |              |  |
|-------------------------------------|--------------|--|
| <input checked="" type="checkbox"/> | Box No. I    | Basis of the opinion   |
| <input type="checkbox"/>            | Box No. II   | Priority   |
| <input type="checkbox"/>            | Box No. III  | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability   |
| <input type="checkbox"/>            | Box No. IV   | Lack of unity of invention   |
| <input checked="" type="checkbox"/> | Box No. V    | Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/>            | Box No. VI   | Certain documents cited  |
| <input type="checkbox"/>            | Box No. VII  | Certain defects in the international application   |
| <input type="checkbox"/>            | Box No. VIII | Certain observations on the international application  |

## 2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/ US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-8300	Authorized officer Najjar Saleh Telephone No. 571-272-4006
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Form PCT/ISA/237 (cover sheet) (January 2004)

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/IL05/00260

Box No. I Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

- ☐ This opinion has been established on the basis of a translation from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).

2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing  
☐ table(s) related to the sequence listing

b. format of material

- ☐ in written format  
☐ in computer readable form

c. time of filing/furnishing

- ☐ contained in international application as filed.  
☐ filed together with the international application in computer readable form.  
☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

WRITTEN OPINION OF THE  
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International application No.  
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**Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N)	Claims <u>NONE</u>	YES
	Claims <u>1-36</u>	NO
Inventive step (IS)	Claims <u>NONE</u>	YES
	Claims <u>1-36</u>	NO
Industrial applicability (IA)	Claims <u>1-36</u>	YES
	Claims <u>NONE</u>	NO

2. Citations and explanations:

Please See Continuation Sheet

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

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Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

V. 2. Citations and Explanations:

Claims 1-36 lack novelty under PCT Article 33(2) as being anticipated by Hong et al. US. Pub. No. 2002/0062372.

Regarding to claim 1, Hong teaches a method for managing peer to peer traffic, the method comprising: identifying a peer to peer request (paragraphs 0007-0009, 0012-0015); and in response providing at least one address of a peer to peer server within a cluster that is adapted to service peer to peer requests (paragraphs 0017-0022, 0039, 0047).

Regarding to claim 2, Hong teaches wherein the stage of providing involves providing contact information of multiple peer to peer servers, whereas at least two peer to peer servers belong to a cluster (paragraphs 0012, 0020, 0026, 0051, 0083).

Regarding to claim 3, Hong teaches further comprising caching, at the cluster, at least one peer to peer file and providing the at least one cached peer to peer file to a user (paragraphs 0017-0022, 0039, 0047).

Regarding to claim 4, Hong teaches wherein the caching involves applying a hash function (paragraphs 0052-0055, 0076).

Regarding to claim 5, Hong teaches wherein the stage of providing comprises checking if the requested file is also stored outside the cluster (paragraphs 0014, 0049, 0083).

Regarding to claim 6, Hong teaches further comprises a stage of providing contact information of possible file resource (paragraphs 0073, 0083, 0091).

Regarding to claim 7, Hong teaches wherein the provided contact information of possible file resource is responsive to at least one user parameter (paragraphs 0073, 0083, 0091).

Regarding to claim 8, Hong teaches wherein the provided contact information of possible file resources is responsive to at least one file source parameter or path parameter (paragraphs 0007-0009, 0063-0068, 0076).

Regarding to claim 9, Hong teaches further comprising caching peer to peer file regardless of a request to retrieve a peer to peer file (paragraphs 0009, 0012-0014, 0039, 0049).

Regarding to claim 10, Hong teaches further comprising providing an encrypted file to the user (paragraphs 0038, 0043-0047, 0059).

Regarding to claim 11, Hong teaches a system for managing peer to peer traffic, the system comprises: a cluster of peer to peer servers (figure 1); and a first device adapted to identify a peer to peer request and to provide at least one address of a peer to peer within a cluster (paragraphs 0017-0022, 0039, 0047).

Regarding to claim 22, Hong teaches a method for managing peer to peer traffic, the method comprising: providing a cache that is adapted to service peer to peer request from a first group of user (paragraphs 0017-0022, 0039, 0047); monitoring peer to peer traffic between at least one other group of user (paragraphs 0039, 0065); and selectively caching at the cache at least a portion of the monitored

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**Supplemental Box**

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peer to peer traffic (paragraphs 0009, 0012-0014, 0039, 0049).

Regarding to claim 23, Hong teaches a method for managing requests to receive a file, the method comprising: identifying a request to receive a file over a network (paragraphs 0007-0009, 0012-0015); and in response providing at least one address of a server within a cluster that is adapted to service requests to receive a file (paragraphs 0017-0022, 0039, 0047).

Regarding to claim 30, Hong teaches a system for managing traffic, the system comprises: a cluster of servers (figure 1); and a first device adapted to identify a request to receive a file over a network and to provide at least one address of a server within the cluster (paragraphs 0017-0022, 0039, 0047).

Regarding to claims 12-21, 24-29, and 31-35 have similar limitations as claims 2-10; therefore, they are rejected under the same rationale.

Regarding to claim 36, Hong teaches further comprising a load balancer (paragraphs 0002-0004, 0006).

Claims 1-36 meet the criteria set out in PCT Article 33(4) and thus have industrial applicability because the subject matter claimed can be made or used in industry.

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10/598, 161

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Industrial applicability (IA)	Claims <u>1-36</u>	YES
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2. Citations and explanations:

Please See Continuation Sheet



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